

## **CHETCO RIVER SOURCE DATA:**

### **REVIEWED FOR DETERMINATION OF VERTICAL STABILITY**

Janine Castro, Geomorphologist, US Fish and Wildlife Service, May 31, 2007

## **CORRESPONDANCE**

From: DSL – Stanley Hamilton  
To: Curry County Board of Commissioners  
Date: February 5, 1982  
Subject: Chetco River Resource Management (note in pencil indicates that this letter was never sent)

From: City of Brookings – Richard Ullian  
To: DSL – Bill Parks  
Date: February 16, 1988  
Subject: Revised application for gravel removal on Chetco River – Permit Nos. RP 4077 and RP 3375

From: Tidewater Contractors – Robert Elayer  
To: Corps of Engineers – Lisa Grudzinski  
Date: June 26, 2006  
Subject: pictures of sediment from Yaquina Dredge

From: Corps of Engineers – Sheryl Carrubba (e-mail)  
To: NMFS – Chuck Wheeler  
Date: July 21 and July 24, 2006  
Subject: Clarification and response to Tidewater pictures form Yaquina dredging operation

From: FWS  
To: Corps of Engineers  
Date: November 20, 2006  
Subject: Freeman Rock Cease and Desist Order

From: McBain and Trush  
To: Freeman Rock – Bill Yokum  
Date: January 12, 2007

From: NMFS – Bob Lohn  
To: Freeman Rock Inc. – Bill Yokum  
Date: March 2, 2007  
Subject: Sediment study scope of work

From: NMFS  
To: Corps of Engineers  
Date: March 7, 2006  
Subject: Draft Biological Opinion, Tidewater

From: Freeman Rock – Ted Freeman  
To: Corps of Engineers  
Date: April 10, 2007  
Subject: Response to Corps add info letter

From: Tidewater Contractors, Inc. – Robert Elayer  
To: NMFS – Chuck Wheeler  
Date: May 3, 2006

Subject: Aggrading/degrading interpretation in the BO

From: Tidewater Contractors, Inc. – Robert Elayer

To: NMFS – Chuck Wheeler

Date: May 25, 2006

Subject: Aggrading/degrading interpretation in the BO

From: NMFS – Chuck Wheeler

To: Brian Cluer, NMFS, & Janine Castro, FWS

Date: May/June, 2006

Subject: Chetco River data including aerial photos and draft BO

## **FIELD INVESTIGATION**

May 23, 2007. Field investigation with Chuck Wheeler, NMFS, Brian Cluer, NMFS, Kevin Moynahan, DSL, Bob Lobdell, DSL, Robert Elayer, Tidewater Contractors, and wrap-up with Bill Yokum, Freeman Rock. Field investigation started at the Upper Tidewater site (RM 10.7) and continued downstream to the boat harbor.

## **MAPS, SURVEYS, & PHOTOS**

BLM aerial photos, 1940, 1955, 1976, 1986, 1992, 1997, 2002 (various scales)

South Coast Lumber Company gravel bar surveys completed for 2003, 2004, and 2005 (12 cross-sections each year tied to a permanent vertical datum). River Mile 7.0. Surveyor – Raymond Schlack.

South Coast Lumber supplied aerial photos: 1940, 1962, 1972, 1976, 1981, 1985, 1990, 1994, 1998, 2000, 2002, 2004, 2006

Tidewater ground photos, May 3, 2006.

Tidewater photos of YAQUINA dredge material, June 2006.

Chuck Wheeler ground photos, October, 2005.

Chuck Wheeler ground photos, July 25, 2006.

Chuck Wheeler ground photos, February 1, 2007.

## **PERMITS**

Bank stabilization permits issued from the US Army Corps of Engineers from 1983 through 2000, RM 1.0 to RM 10.0. Permit letters provided by COE, 2007.

Chetco River commercial gravel removal state permits, September 1, 2005. Total permitted extraction 235,000 cy/yr between RM 1.0 and RM 10.0.

## **REPORTS & DOCUMENTS**

Affidavit of Dr. Peter Klingeman. 1993. Plaintiff vs. Tindewater Contractors, et al. Chetco Navigability.

Chetco River Bridge Inspection Reports, 2005 and 2006 (underwater)

Hamilton, S.F. 1972. An Inventory of Filled Lands in the Chetco River. Prepared for the Advisory Committee to the State Land Board of Oregon by the Advisory Committee's Engineering Staff.

Klingeman, P.C. 1993. Chetco River field reconnaissance with Oregon Department of Justice.

Klingeman, P.C. 1993. Chetco River, Oregon: hydrologic/hydraulic/morphologic analyses of navigability. Report to Oregon Department of Justice.

Klingeman, P.C. 2002. DRAFT Willow bar reconnaissance and evaluation, Chetco River, based on field visit on Thursday, July 25, 2002, and prior site visits.

Lumley, P.E. No date. Chetco River: problematical analysis of the gravel resource. Report to DSL, Waterways Section.

Marquess and Associates, Inc. 1980. Report to Harbor Rural Water District, Harbor, Oregon.

Ogden Beeman & Associates. 1981. River Engineering Analysis Chetco River.

Soil Conservation Service. 1979. Flood hazard study, Chetco River, Curry County, Oregon. Prepared by the USDA soil Conservation Service in cooperation with Curry County, Curry County Soil and Water Conservation District, and the State Water Resources Department.